



#5

SEQUENCE LISTING

<110> Thomas Schmidt (IBA GmbH)

<120> Sequentially arranged Streptavidin-Binding modules as affinity tags

<130> 100810.01US1

<140> US 10/026578

<141> 2001-12-14

<150> DE 101 13 776.1

<151> 2001-03-21

<150> PCT/EP01/11846

<151> 2001-10-12

<160> 14

<210> 1

<211> 8

<212> PRT

<213> artificial sequence

<220>

<223> description of the artificial
sequence: peptide binding module

<400> 1

Trp Arg His Pro Gln Phe Gly Gly
1 5

<210> 2

<211> 8

<212> PRT

<213> artificial sequence

<220>

<223> description of the artificial
sequence: peptide binding module

<400> 2

Trp Ser His Pro Gln Phe Glu Lys
1 5

<210> 3
<211> 24
<212> PRT
<213> artificial sequence

<220>
<223> description of the artificial
sequence: peptide binding module

<220>
<221> MOD_RES
<222> (9)..(16)
<223> Xaa=any amino acid

<400> 3
Trp Ser His Pro Gln Phe Glu Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Trp Ser His Pro Gln Phe Glu Lys
20

<210> 4
<211> 24
<212> PRT
<213> artificial sequence

<220>
<223> description of the artificial
sequence: peptide binding module

<220>
<221> MOD_RES
<222> (9)..(18)
<223> Xaa=any amino acid

<220>
<221> MOD_RES
<222> (21)..(24)
<223> Xaa=any amino acid

<400> 4

Trp Ser His Pro Gln Phe Glu Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa His Pro Gln Xaa Xaa Xaa
20

<210> 5

<211> 19

<212> PRT

<213> artificial sequence

<220>

<223> Description of the artificial
sequence: peptide binding module

<220>

<221> MOD_RES

<222> (4)..(16)

<223> Xaa=any amino acid

<400> 5

His Pro Gln Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

His Pro Gln

<210> 6

<211> 4

<212> PRT

<213> artificial sequence

<220>

<221>

<222>

<223> description of the artificial
sequence: peptide binding module

<400> 6

His Pro Gln Phe
1

<210> 7
<211> 8
<212> PRT
<213> artificial sequence
<220>
<223> description of the artificial
sequence: peptide binding module

<220>
<221> MOD_RES
<222> (1)
<223> Xaa=Trp, Lys or Arg

<220>
<221> MOD_RES
<222> (2)
<223> Xaa=any amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Xaa(7,8) = Gly or Xaa(7)=Glu and Xaa(8)=Lys or
Arg

<400> 7
Xaa Xaa His Pro Gln Phe Xaa Xaa
1 5

<210> 8
<211> 8
<212> PRT
<213> artificial sequence

<220>
<223> description of the artificial
sequence: peptide binding module

<220>
<221> MOD_RES
<222> (2)
<223> Xaa=any amino acid

<220>
<221> MOD_RES

<222> (7)..(8)

<223> Xaa(7,8)=Gly or Xaa(7)=Glu and Xaa(8)=Lys or
Arg

<400> 8

Trp Xaa His Pro Gln Phe Xaa Xaa
1 5

<210> 9

<211> 8

<212> PRT

<213> artificial sequence

<220>

<223> description of the artificial
sequence: peptide binding module

<400> 9

Trp Ser His Pro Gln Phe Glu Lys
1 5

<210> 10

<211> 17

<212> PRT

<213> artificial sequence

<220>

<221>

<222>

<223> description of the artificial
sequence: peptide binding module

<220>

<221> REPEAT

<222> (9)

<223> Xaa=(Xaa)n with Xaa=any amino acid and
n=integer from 5-20

<400> 10

Trp Ser His Pro Gln Phe Glu Lys Xaa Trp Ser His Pro Gln Phe Glu
1 5 10 15

Lys

<210> 11
<211> 20
<212> PRT
<213> artificial sequence

<220>
<223> description of the artificial
sequence: peptide binding module

<220>
<221> REPEAT
<222> (9)..(12)
<223> GlyGlyGlySer=(GlyGlyGlySer)n with n=integer from 1-5

<400> 11
Trp Ser His Pro Gln Phe Glu Lys Gly Gly Gly Ser Trp Ser His Pro
1 5 10 15

Gln Phe Glu Lys
20

<210> 12
<211> 4
<212> PRT
<213> artificial sequence

<220>
<223> description of the artificial
sequence: peptide binding module

<400> 12
Ile Gly Ala Arg
1

<210> 13
<211> 4
<212> PRT
<213> artificial sequence

<220>
<223> description of the artificial

sequence: peptide binding module

<400> 13
Val Thr Ala Arg
1

<210> 14
<211> 4
<212> PRT
<213> artificial sequence

<220>
<223> description of the artificial
sequence: peptide binding module

<400> 14
Glu Ser Ala Val
1